

Lab 6 rubric

Overview

- 100 points possible
- Grade basis: Completeness, clarity, and correctness
- Assign partial credit when appropriate.

Problem	Item	Points
3a	Plot is given (with explanation) that proves that the sample rate equals FS.	5
3b	Table is given showing 16 DC voltages with their corresponding digital strings.	10
	Table makes sense.	10
3c	Anti-aliasing filter is set to the appropriate bandwidth.	10
	Explanation of this choice of bandwidth is correct.	5
	Plots are given comparing (on the same time/freq scale):	
	- Output with the reconstruction filter (in both time and frequency domain),	15
	- Output without the reconstruction filter (in both time and frequency domain).	15
3d	Input-versus output plots are given for:	
	- 4-bit linear	5
	- 7-bit linear	5
	- 4-bit companding	5
3e	TA signs off that CD was demonstrated successfully.	15